

# **AUTOMATIC BIOLOGICAL ANALYTE TESTING METER WITH INTEGRATED LANCING DEVICE AND METHODS OF USE**

## **Abstract**

The invention is directed to an integrated device for sampling and testing an analyte. The device generally comprises a housing, a lancing device for sampling an analyte, a test strip for substantially capturing at least a portion of the analyte, and a display unit for displaying a result corresponding to the captured portion of the analyte. The invention is further directed to methods for sampling and testing. For example, one method comprises performing a single operation to sample an analyte, to capture the sampled analyte, to perform testing on the sampled analyte, and to display a result corresponding to the performed test. A method such as this can be carried out using an integrated sampling and testing device of the invention, for example, by placing the device on a test site of a subject, such as a patient, and performing the single operation to obtain a test result. The invention has particular application in the sampling and testing of analytes in blood, such as the blood of a diabetic patient.